VLED221wm

22" WIDESCREEN LED LCD

WITH 118% NTSC
OPTICOLOR™ TECHNOLOGY

Astounding color and precision.

ViewSonic's 22" VLED221wm widescreen LCD features a mercury-free LED backlight that requires less power than a standard 22" LCD but produces more brilliant color and crystal-clear images. 118% OptiColor™ NTSC technology and Super-HD 1680x1050 resolution deliver precision color rendition, while the 16:10 widescreen panel allows users to work in two documents or applications side-by-side. Unmatched 12000:1 Dynamic Contrast Ratio (typ) further supports the VLED221wm's excellent front-of-screen performance with the blackest blacks and whitest whites. OptiSync® digital and analog inputs and integrated speakers expand this display's multimedia versatility. Gamers, financial professionals, graphic designers and home office users will love the performance and style of the VLED221wm.

ENGINEERED FOR A SUPERIOR VISUAL EXPERIENCE.

- **OptiColor™ technology**
  Delivers 118% color saturation for richer, more precise colors. Enjoy more intense colors in your graphics, photos and documents.
- **Fast ClearMotiv® video response**
  Video response as fast as 3ms enables digital HD broadcast-quality video.
- **12000:1 dynamic contrast ratio (typ)**
  Provides for darker black levels and better overall front-of-screen performance.
- **Stylish slim-bezel design**
  The thin bezel lets you see more without taking up valuable desktop real estate.
- **OptiSync® digital/analog inputs expand your connectivity**
  Multi-mode input technology supports both digital (DVI) and analog (VGA) signals for ultimate compatibility and configuration flexibility.
- **SRS WOW HD sound**
  Extends the speaker frequency range, delivering better response and sound performance.
- **Windows® Vista® approved**
- **PC and Mac compatible**
- **ENERGY STAR® qualified**

12,000:1 Dynamic Contrast Ratio

1680x1050 SUPER HD

OptiColor™

SRS WOW HD

MORE THAN 2000 AWARDS

VIEWSONIC
PRODUCTS, PROGRAMS, AND SERVICES

ViewSonic®
See the difference®

VLED221wm

22" WIDESCREEN LED LCD WITH 118% NTSC OPTICOLOR™ TECHNOLOGY

LCD	Type	22" Wide Color TFT Active Matrix LCD
	Display Area	14.8" horizontal x 11.8" vertical; 22" diagonal
	Optimum Resolution	1680x1050
	Contrast Ratio	1000:1 static (typ), 12000:1 dynamic (typ)
	Viewing Angles	170° horizontal, 160° vertical @ contrast ratio > 10:1
	Response Time	5ms (typ)
	Light Source	LED array 30,000 hrs (min)
	Brightness	250 cd/m² (typ)
	Panel Surface	Anti-glare
VIDEO INPUT	Analog/Digital	RGB analog (75 ohms, 0.7 Vp-p)/DVI-D
	Frequency	F_h: 24~82kHz, F_V: 50~75Hz
	Sync	H/V separated (TTL), composite, sync-on-green
COMPATIBILITY	PC	VGA up to 1680x1050 non-interlaced
	Mac®*	G3/G4/G5 up to 1680x1050
CONNECTOR	Analog/Digital	15-pin mini D-sub/DVI-D
	Power	3-pin AC plug (CEE22)
AUDIO	Speakers	2x2.5 watt
POWER	Voltage	AC 100–240V, 50–60Hz (auto switch)
	Consumption	36W (typ)
CONTROLS	Basic	Power, 1, down, up, 2
	OnView®	Auto image adjust, brightness, contrast, input select (analog, digital), ViewMatch® color adjust (sRGB, 9300K, 7500K, 6500K, 5000K, user color-RGB), information (resolution, H. frequency, V. frequency, pixel clock, video format, model number, serial number), manual image adjust (H. size, H. position, V. position, fine tune, sharpness), setup menu (language, resolution notice, OSD position, OSD timeout, OSD background), memory recall
ERGONOMICS	Tilt	–5°/+17°
OPERATING CONDITIONS	Temperature	41–95°F (5–35°C)
	Humidity	20–80% (non-condensing)
DIMENSIONS (W x H x D)	Physical with stand	20.6" x 18.9" x 9.6" (524mm x 482mm x 244mm)
	Physical without stand	20.6" x 15.3" x 2.3" (524mm x 388mm x 64mm)
WEIGHT	Net with stand	13.2 lb. (6.0 kg)
	Net without stand	12.8 lb. (5.8 kg)
	Gross with stand	16.5 lb. (7.5 kg)
REGULATIONS		UL, cUL, FCC-B, IRAM, CB, CE, ENERGY STAR®, NOM, NEMKO/GS (covers TUV/GS), NEMKO ERGO (covers TUV/ERGO, ISO 13406-2 & MPR II), GOST-R + 20 original copies hygienic, SASO, PCBC, BSMI, CCC, PSB, C-TICK, Argentina-S, Green Mark, RoHS, EPEAT-Silver
POWER MANAGEMENT		Meets ENERGY STAR® standards
PACKAGE CONTENTS		LCD display, power cable, 15-pin VGA video cable, DVI-D cable, audio cable, Quick Start Guide, ViewSonic Wizard CD
WARRANTY		Three-year limited warranty on LCD, parts and labor

RoHS COMPLIANT™

CERTIFIED FOR Windows Vista™

ISO 9001:2000 FM 40187

ISO 14001:1996 FM 40968

ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.

ViewSonic® See the difference®

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*Adapter may be required. Analog adapter available from ViewSonic. Specifications subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Windows Vista and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2008 ViewSonic Corporation. All rights reserved. [13837-01B-02/08] VLED221wm-1